

L Number	Hits	Search Text	DB	Time stamp
1	99	ormosil	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 09:42
2	20	(ormosil ormocer) and (particle near4 (size or diameter)) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)) and (substrate same (metal metallic steel aluminum)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 09:44
6	8	"5112884"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 11:52
7	4203	428/336.ccls. 524/858.ccls. 524/859.ccls. 106/14.44.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 11:53
8	0	((ormosil ormocer) and (particle near4 (size or diameter)) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)) and (substrate same (metal metallic steel aluminum)))) and (428/336.ccls. 524/858.ccls. 524/859.ccls. 106/14.44.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 11:53
-	75	ormosil	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 09:42
-	343	ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 08:59
-	13029	solgel or "sol-gel"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 08:58
-	143	(ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/05 15:53
-	88	((ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:53
-	88	((ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")) and ((inorganic adj (filler or particle)) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/05 16:07

-	33	(((ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")) and ((inorganic adj (filler or particle)) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))) and (428/\$.ccls. or 427/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/05 16:30
-	1	wo-200016912-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/05 16:30
-	1	2000-293920.NRAN.	DERWENT	2003/03/05 16:30
-	13055	solgel or "sol-gel"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 08:58
-	375	ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:00
-	31604	tetraalkoxysilane teos meos tetraethoxysilane tetraethylorthosilicate tetramethoxysilane tetramethylorthosilicate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:00
-	90	(solgel or "sol-gel") and (ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (tetraalkoxysilane teos meos tetraethoxysilane tetraethylorthosilicate tetramethoxysilane tetramethylorthosilicate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:01
-	14369	inorganic same micron	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:01
-	14	((solgel or "sol-gel") and (ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (tetraalkoxysilane teos meos tetraethoxysilane tetraethylorthosilicate tetramethoxysilane tetramethylorthosilicate)) and (inorganic same micron)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:09
-	2718	(solgel or "sol-gel") same (organic or organo or organically)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:28
-	745922	((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:16
-	1734	((solgel or "sol-gel") same (organic or organo or organically)) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:17
-	257	((solgel or "sol-gel") same (organic or organo or organically)) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:43

-	6	((solgel or "sol-gel") same (organic or organo or organically)) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:18
-	52485	(silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:29
-	2827	(solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:41
-	280	((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:44
-	14	((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (entrapped or encapsulated or dispersed)) and entrapped	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:45
-	171	((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (entrapped or encapsulated or dispersed)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 10:52
-	109	((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) not (((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (entrapped or encapsulated or dispersed))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 11:18
-	14	"5585136"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:27

-	4	(((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (entrapped or encapsulated or dispersed)) and (ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:37
-	1	de-19917366-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:42
-	1	de-19857317-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:42
-	1	de-19857316-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:43
-	1	2000-443548.NRAN.	DERWENT	2003/03/06 12:43
-	1	de-19813709-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:45
-	1	1999-552197.NRAN.	DERWENT	2003/03/06 12:44
-	1	de-19706515-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:52
-	1	1998-448231.NRAN.	DERWENT	2003/03/06 12:45
-	11	"5766680"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 12:46
-	1	de-3536716-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 13:03
-	6	"5766680" and (solgel or "sol-gel")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 13:03
-	91	ormosil	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:13
-	82511	inorganic near6 (filler or particles)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:16

-	21	ormosil and (inorganic near6 (filler or particles))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:19
-	19	(ormosil and (inorganic near6 (filler or particles))) and (inorganic same organic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:25
-	11	(particle near4 (size or diameter)) and ((ormosil and (inorganic near6 (filler or particles))) and (inorganic same organic))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:53
-	1014	(organic or organically) near5 (modified or modif\$) near5 (silicate silica)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:52
-	1054	ormosil or ((organic or organically) near5 (modified or modif\$) near5 (silicate silica))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:52
-	601	(organic or organically) near5 (modified or modif\$) near5 (silicate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:52
-	648	ormosil or ((organic or organically) near5 (modified or modif\$) near5 (silicate))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:52
-	1288	inorganic near5 organic near5 hybrid	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:53
-	1896	ormosil ((organic or organically) near5 (modified or modif\$) near5 (silicate)) (inorganic near5 organic near5 hybrid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:53
-	346	(ormosil ((organic or organically) near5 (modified or modif\$) near5 (silicate)) (inorganic near5 organic near5 hybrid)) and (inorganic near6 (filler or particles))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:53
-	217	(particle near4 (size or diameter)) and ((ormosil ((organic or organically) near5 (modified or modif\$) near5 (silicate)) (inorganic near5 organic near5 hybrid)) and (inorganic near6 (filler or particles)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:17
-	133	((particle near4 (size or diameter)) and ((ormosil ((organic or organically) near5 (modified or modif\$) near5 (silicate)) (inorganic near5 organic near5 hybrid)) and (inorganic near6 (filler or particles)))) and matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:57
-	8	((particle near4 (size or diameter)) and ((ormosil ((organic or organically) near5 (modified or modif\$) near5 (silicate)) (inorganic near5 organic near5 hybrid)) and (inorganic near6 (filler or particles)))) and matrix) and ormosil	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:54

-	207	organically adj2 modif\$ adj2 silicate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:14
-	256	ormosil or (organically adj2 modif\$ adj2 silicate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:58
-	45	(ormosil or (organically adj2 modif\$ adj2 silicate)) and (inorganic near6 (filler or particles))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:59
-	25	(particle near4 (size or diameter)) and ((ormosil or (organically adj2 modif\$ adj2 silicate)) and (inorganic near6 (filler or particles)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:59
-	35	((particle near4 (size or diameter)) or micron) and ((ormosil or (organically adj2 modif\$ adj2 silicate)) and (inorganic near6 (filler or particles)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:59
-	22	((((particle near4 (size or diameter)) or micron) and ((ormosil or (organically adj2 modif\$ adj2 silicate)) and (inorganic near6 (filler or particles)))) and matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 11:59
-	233	(organically or organic or organic\$) adj3 modif\$ adj3 silicate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:53
-	91	ormosil	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:15
-	33	ormocer same silicate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:53
-	294	((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:51
-	396074	(inorganic near6 (filler or particles)) or (filler)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:17
-	98	((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic near6 (filler or particles)) or (filler)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:13
-	47	(particle near4 (size or diameter)) and (((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic near6 (filler or particles)) or (filler)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:29

-	1	2002-643371.NRAN.	DERWENT	2003/08/12 12:52
-	66	(organically or organic or organic\$) adj3 modif\$ adj3 silane	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:53
-	18	ormocer same silane	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 12:53
-	83	((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:52
-	31	(particle near4 (size or diameter)) and (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:53
-	26	((particle near4 (size or diameter)) and (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) not ((particle near4 (size or diameter)) and (((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic near6 (filler or particles)) or (filler))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:13
-	31	(((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane)) and ((inorganic near6 (filler or particles)) or (filler))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:13
-	26	(((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane)) and ((inorganic near6 (filler or particles)) or (filler)) not ((particle near4 (size or diameter)) and (((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic near6 (filler or particles)) or (filler))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:14
-	5	((((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane)) and ((inorganic near6 (filler or particles)) or (filler)) not ((particle near4 (size or diameter)) and (((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic near6 (filler or particles)) or (filler)))) and (ormosil)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:28
-	7	3808370.pn. 3801344.pn. 3975203.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:29
-	3	(particle near4 (size or diameter)) and (3808370.pn. 3801344.pn. 3975203.pn.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:52
-	8	"5112884"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 10:08
-	2	"5112884" and (ormosil ormocer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 13:37

-	1	"5112884" and (ormosil ormocer) and filler	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 14:49
-	0	ep-60911-\$.did	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 14:49
-	0	ep-060911-\$.did	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 14:49
-	0	ep-0060911-\$.did	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 14:49
-	17517	428/446.ccls. 428/447.ccls. 428/448.ccls. 428/450.ccls. 427/387.ccls. 427/376.2.ccls. 106/14.05.ccls. 106/287.16.ccls. 516/78.ccls. 516/79.ccls. 528/10.ccls. 528/12.ccls. 528/14.ccls. 528/32.ccls. 528/33.ccls. 528/34.ccls. 528/39.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:48
-	319	((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:52
-	99	((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:52
-	391	((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:52
-	455632	(particle near4 (size or diameter))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:52
-	127	(((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and ((particle near4 (size or diameter)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:53
-	821700	(inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:55
-	64351	((particle near4 (size or diameter))) same ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:55

-	87	(((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:55
-	29	(((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or diameter))) same ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 19:01
-	58	(((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))) not (((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or diameter))) same ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 19:04
-	30	(((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))) and (abrasion abrasive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 19:08
-	49	(((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))) and (substrate same (metal metallic steel aluminum))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 09:42
-	6	(428/446.ccls. 428/447.ccls. 428/448.ccls. 428/450.ccls. 427/387.ccls. 427/376.2.ccls. 106/14.05.ccls. 106/287.16.ccls. 516/78.ccls. 516/79.ccls. 528/10.ccls. 528/12.ccls. 528/14.ccls. 528/32.ccls. 528/33.ccls. 528/34.ccls. 528/39.ccls.) and (((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or (((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 19:14